APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Influence of Grain Size of Steel Upon Creep Limit, by H. Bennek, G. Bandel.

GERMAN, per, Stahl und Eisen, Vol LXIII, No 36, 1943.

Brutcher Tr 1653

Scientific - Min/Metals

$6.30

12,948

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Influence of Structure As a Function of Heat Treatment and Alloying on the Creep Resistance of Steel, by Hubert Bennak, Gerhard Bandel, 12 p.

GERMAN, per, Stahl und Eisen, 1943, Vol LXIII, No 38, pp 695-700.

SLA 60-10169

112,055

Sci
Apr 60 Vol XII, No 3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Pechal, Edmund.
OPERATIONAL EXPERIENCE WITH A GAS-PRODUCER PLANT WITH SUBSEQUENT ELECTRIC GAS CLEANING. Rept. no. 319 of the Wärmestelle [Fuel Section] of the Verein Deutscher Eisenhüttenleute. · [Feb 46] 6p.
Order from SLA mi$1.80, ph$1.80 60-18209

Trans. of Stahl und Eisen (Germany) 1943, v. 63 [no. 44] p. 808-812.

142,840

(Unannounced)

60-18209

1. Gases--Cleaning
2. Gases--Production
I. Pechal, E.
II. Title: Verein...

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Improvements to Increase the Output of Iron Ore Sintering Plants, by H. Wittenberg, K. Meyer. UNCL

GERMAN, per, Stahl u Eisen, No 45, 1953, pp 817-840.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98,437

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Production of Chromized Layers on Steel, by H. Bennek, W. Koch, W. Tofaute.

GERMAN, per, Stahl und Eisen, Vol LXIV, 1944, No 11,

Brutcher Tr 1620

Scientific - Min/Metals $5.50

12,690

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Theory of Displacement of Carbon From Ferroalloys by Silicon, by V. Schwarz, E. Bergkampf.

GERMAN, per, Stahl und Eisen, Vol LXIV, 1944.

Brutcher Tr 1591

12.684

Scientific - Min/Metals $1.00

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Bulle, Georg.
STANDARDISATION OF BLAST-FURNACES. Rept. no. 219 of the [Blast Furnace Committee] of the Verein Deutscher Eisenhüttenleute. [1961] 12p.
Order from SLA $1.60 61-18545

Trans. of Stahl und Eisen (Germany) 1944, v. 64, 4 May, p. 285-290.

DESCRIPTORS: *Blast furnaces, *Standardization, Design, Operation, Refractory materials, Cast iron, Slags.

(Metallurgy, TT, v. 6, no. 12)

61-18545

I. Bulle, G.
II. Title: Verein...

Office of Technical Services

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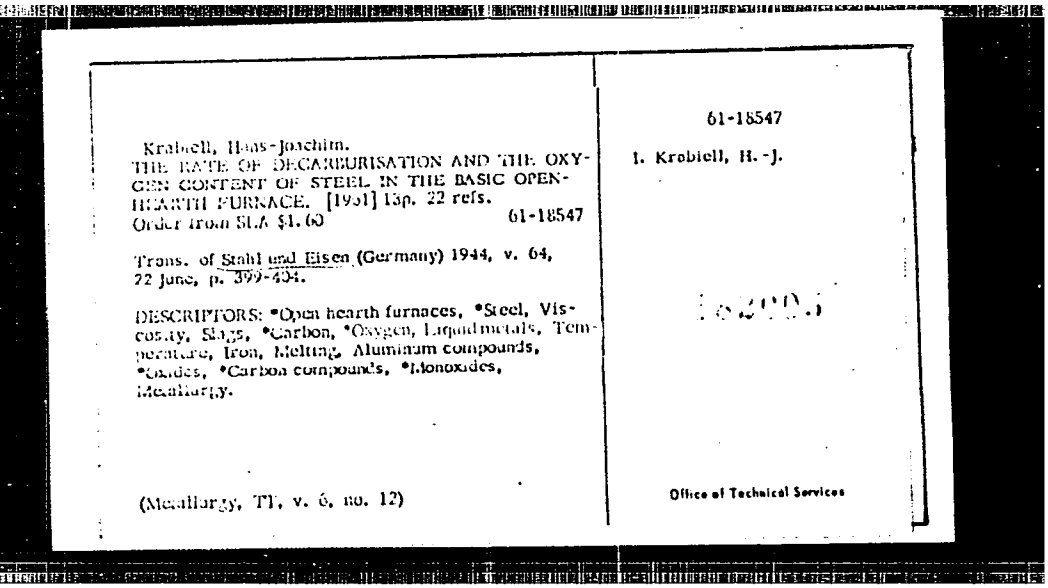

Krabiell, Hans-Joachim.
THE RATE OF DECARBURISATION AND THE OXYGEN CONTENT OF STEEL IN THE BASIC OPEN-HEARTH FURNACE. [1951] 13p. 22 refs.
Order from SLA $1.60 61-18547

Trans. of Stahl und Eisen (Germany) 1944, v. 64, 22 June, p. 399-404.

DESCRIPTORS: *Open hearth furnaces, *Steel, Viscosity, Slags, *Carbon, *Oxygen, Liquid metals, Temperature, Iron, Melting, Aluminum compounds, *Oxides, *Carbon compounds, *Monoxides, Metallurgy.

(Metallurgy, TT, v. 6, no. 12)

61-18547

I. Krabiell, H.-J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

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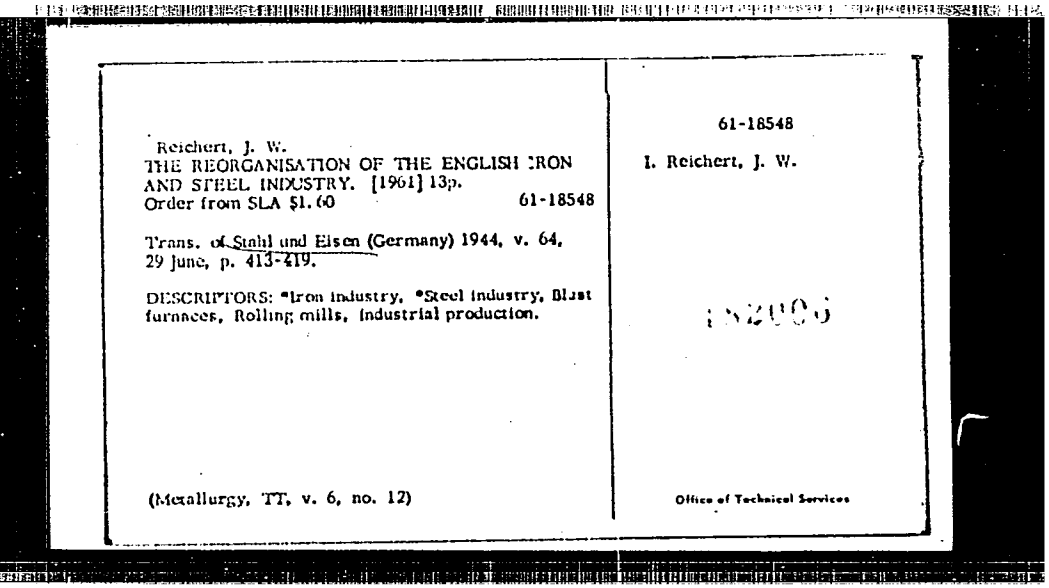


Reichert, J. W.
THE REORGANISATION OF THE ENGLISH IRON AND STEEL INDUSTRY. [1961] 13p.
Order from SLA $1.60 61-18548

Trans. of Stahl und Eisen (Germany) 1944, v. 64, 29 June, p. 413-419.

DESCRIPTORS: *Iron industry, *Steel industry, Blast furnaces, Rolling mills, Industrial production.

(Metallurgy, TT, v. 6, no. 12)

61-18548

I. Reichert, J. W.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Evaluation of Quality of High Speed Steels, by W. Eilender, H. Arend.

GERMAN, per, Stahl und Eisen, Vol. LXIV, Nos 46, 47, 1944.

Brutcher Tr 1795

13,010

Scientific - Min/Metals $4.20

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

The Production of Very Clean Steel M in the Basic Bessemer Shop, by Josef Klarding, 8 pp.

GERMAN, per, Stahl und Eisen, Vol LXV, No 9/10, 1945, pp 118-121.

SLA 60-18211

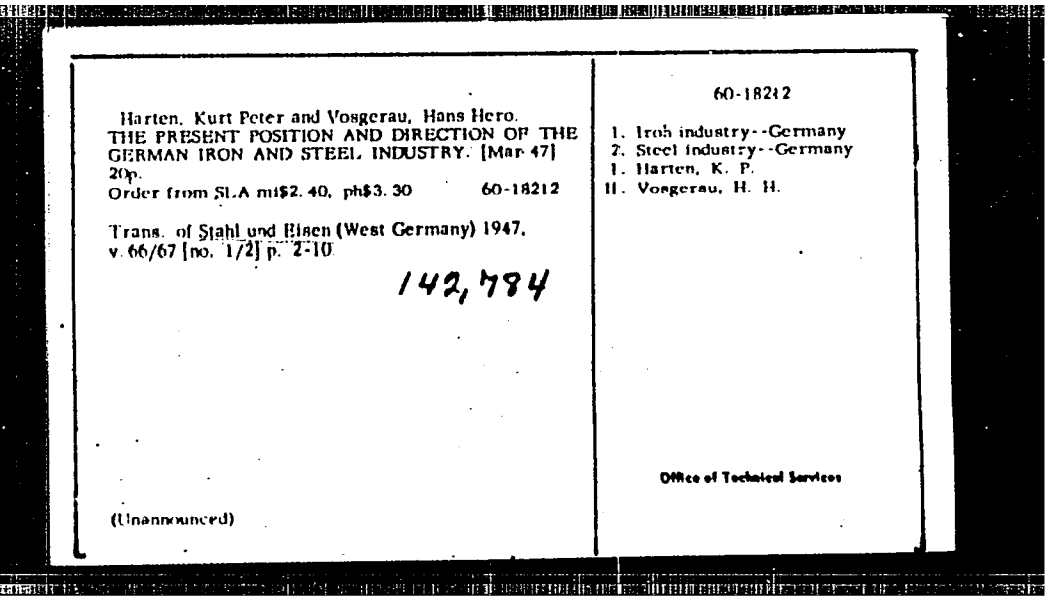
196, 871

Sci
May 62

Vol 4, No 10

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3



Harten, Kurt Peter and Vosgerau, Hans Hero.
THE PRESENT POSITION AND DIRECTION OF THE GERMAN IRON AND STEEL INDUSTRY. [Mar 47] 20p.
Order from SLA mi$2.40, ph$3.30 60-18212

Trans. of Stahl und Eisen (West Germany) 1947, v. 66/67 [no. 1/2] p. 2-10

142,784

(Unannounced)

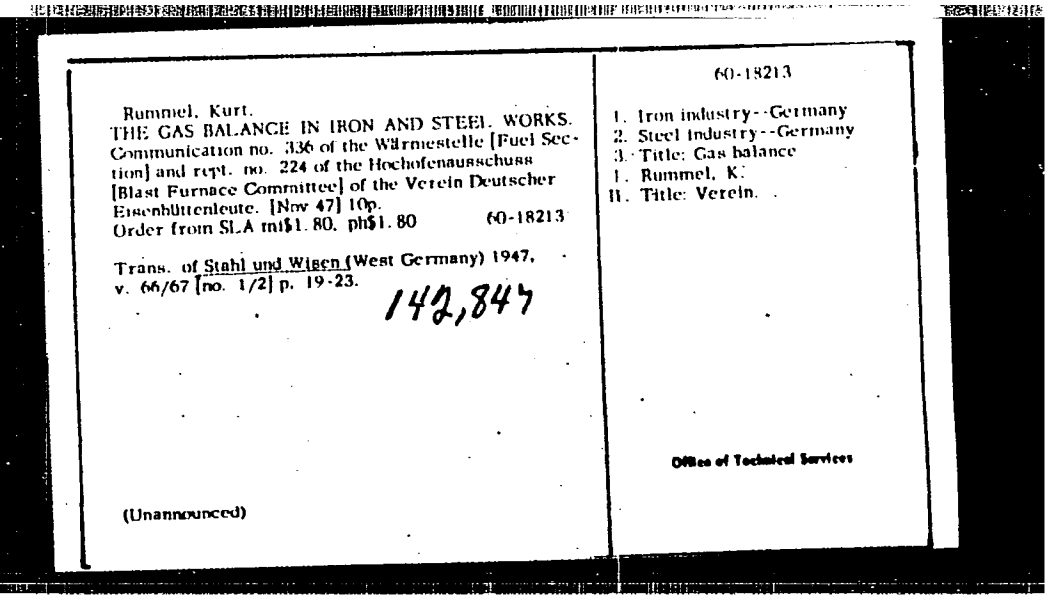
60-18212

1. Iron industry--Germany
2. Steel industry--Germany
I. Harten, K. P.
II. Vosgerau, H. H.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3



Rummel, Kurt.
THE GAS BALANCE IN IRON AND STEEL WORKS. Communication no. 336 of the Wärmestelle [Fuel Section] and rept. no. 224 of the Hochofenausschuss [Blast Furnace Committee] of the Verein Deutscher Eisenhüttenleute. [Nw 47] 10p.
Order from SLA mi$1.80, ph$1.80 60-18213

Trans. of Stahl und Wisen (West Germany) 1947, v. 66/67 [no. 1/2] p. 19-23.

142,847

(Unannounced)

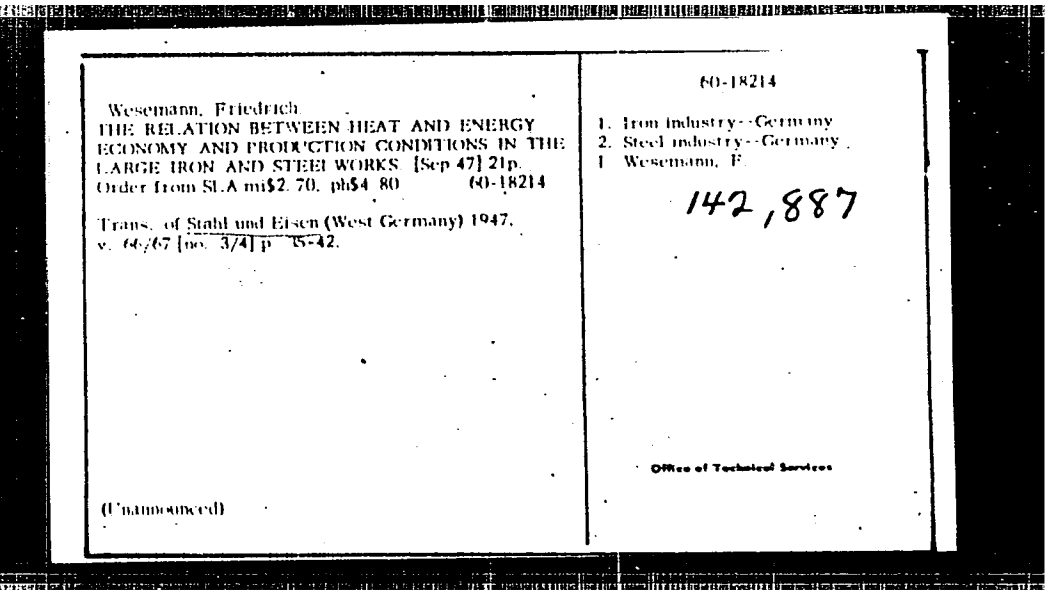
60-18213

1. Iron industry--Germany
2. Steel industry--Germany
3. Title: Gas balance
I. Rummel, K.
II. Title: Verein.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3



Wesemann, Friedrich
THE RELATION BETWEEN HEAT AND ENERGY ECONOMY AND PRODUCTION CONDITIONS IN THE LARGE IRON AND STEEL WORKS. [Sep 47] 21p.
Order from SLA mi$2.70, ph$4.80 60-18214

Trans. of Stahl und Eisen (West Germany) 1947, v. 66/67 [no. 3/4] p. 35-42.

(Unannounced)

60-18214

1. Iron industry--Germany
2. Steel industry--Germany
I. Wesemann, F.

142,887

Office of Technical Services

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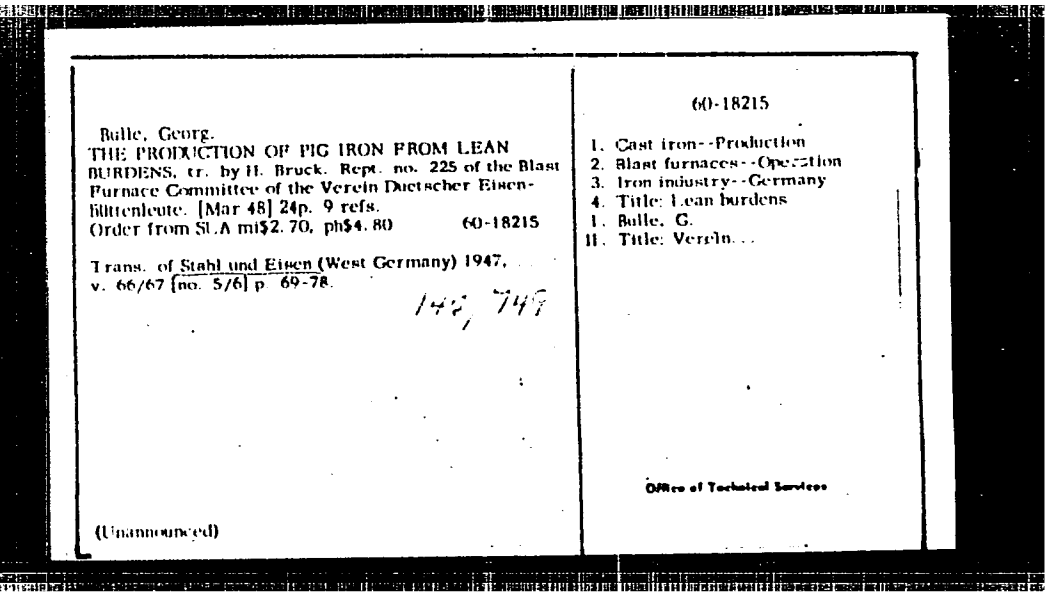
APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3



Bulle, Georg.
THE PRODUCTION OF PIG IRON FROM LEAN BURDENS, tr. by H. Bruck. Rept. no. 225 of the Blast Furnace Committee of the Verein Deutscher Eisenhüttenleute. [Mar 48] 24p. 9 refs.
Order from SLA mi$2.70, ph$4.80 60-18215

Trans. of Stahl und Eisen (West Germany) 1947, v. 66/67 [no. 5/6] p. 69-78.

142, 749

(Unannounced)

60-18215

1. Cast iron--Production
2. Blast furnaces--Operation
3. Iron industry--Germany
4. Title: Lean burdens
I. Bulle, G.
II. Title: Verein...

Office of Technical Services

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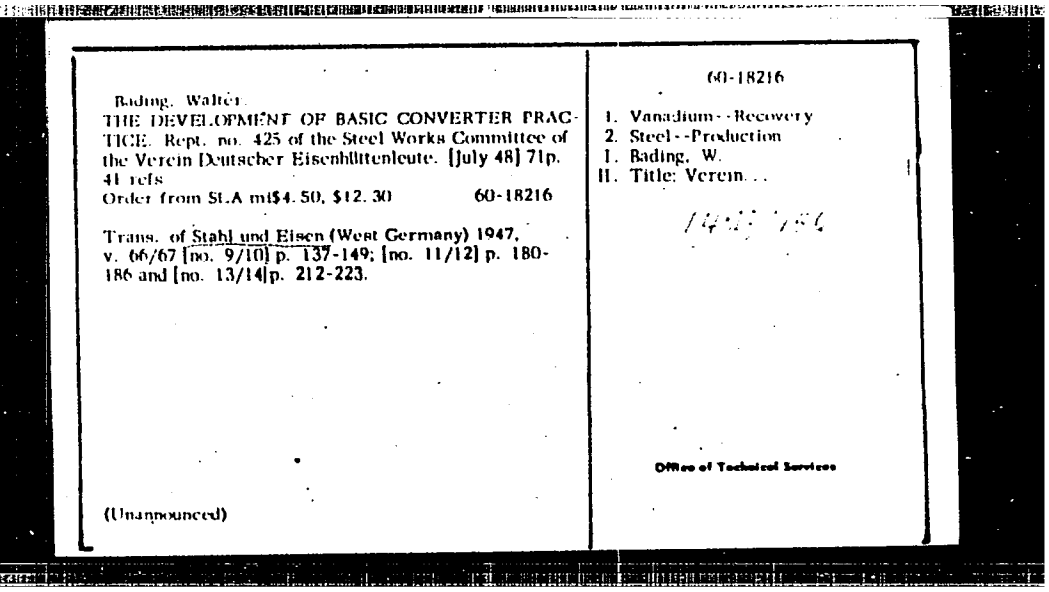
APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3



Bading, Walter

THE DEVELOPMENT OF BASIC CONVERTER PRACTICE. Rept. no. 425 of the Steel Works Committee of the Verein Deutscher Eisenhüttenleute. [July 48] 71p. 41 refs

Order from St.A mi$4.50, $12.30 60-18216

Trans. of Stahl und Eisen (West Germany) 1947, v. 66/67 [no. 9/10] p. 137-149; [no. 11/12] p. 180-186 and [no. 13/14]p. 212-223.

(Unannounced)

60-18216

1. Vanadium--Recovery
2. Steel--Production
I. Bading, W.
II. Title: Verein...

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

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Siebel, E.
THE PRESENT STATUS OF RECENT ACHIEVEMENTS IN THE MECHANICAL PROCESSES OF WIRE DRAWING. 3 Mar 48, 18p. (figs. formulae refs. omitted).
Order from SLA $1.60 62-20338

Trans. of Stahl und Eisen (West Germany) 1947, v. 66/67, no. 11/12, p. 171-180.

DESCRIPTORS: *Wire, *Drawing (Machine processing), Deformation, Stresses, Friction, Heat, Lubrication.

(Machinery--Manufacturing, TT, v. 9, no. 12)

62-20338

1. Siebel, E.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Krebs, K.
SEGREGATION-DISPLACEMENT AND DEFORMATION IN THE ROLLING OF SOFT STEEL ACCORDING TO INVESTIGATIONS ON A ROD-MILL. 19 Apr 48, 10p. (figs. refs. omitted).
Order from SLA $1.10 62-18401

Trans. of Stahl und Eisen (West Germany) 1947 (v. 66/67, no. 15/16) p. 244-250 (V[erein] D eutscher] Eisenhüttenleute (West Germany). Berichte]-181).

DESCRIPTORS: *Steel, Rolling mills, *Deformation, Displacement reactions, *Wire, Drawing (Machine processing), Heating.

(Metallurgy--Ferrous Metals, TT, v. 9, no. 4)

62-18401

I. Krebs, K.
II. Verein. . . Berichte-181

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APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Production and Use of Heat-Resisting Aluminum Coatings, by G. Kremer, K. E. Volk, 20 pp.

GERMAN, per, Stahl u Eisen, Vols LXVI-LXVII, 1947, pp 250-255.

SLA 57-2834

Sci
Aug 58

70,887

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Production and Use of Heat-Resisting Aluminum Coatings, by W. Mehling, 22 pp.

GERMAN, per, Stahl u Eisen, Vol LXVI-LXVII, 1947, pp 255-257. (Loan copy only)

SLA 57-2626

Sci
Aug 58

70,889

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

THE POSSIBILITIES OF INFLUENCING THE OXIDATION ZONE OF THE BLAST-FURNACE. Rept. no. 227 of the Blast-Furnace Committee of the Verein Deutscher Eisenhüttenleute. [Oct 48] 19p. 22 refs. Order from SLA mi$2.40, ph$3.30 60-18217

Trans. of Stahl und Eisen (West Germany) 1947, v. 66/67 [no. 17/18] p. 277-284.

A-BISI E-2042

(Unannounced)

60-18217

1. Blast furnaces--Operation
2. Blast furnaces--Test results
1. Title: Verein...

Office of Technical Services

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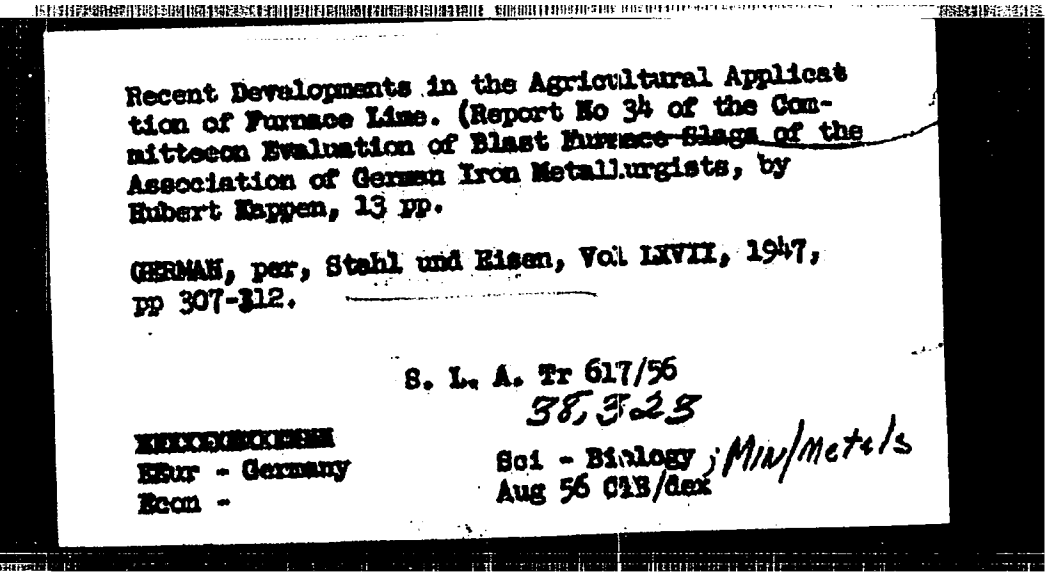

Recent Devalopments in the Agricultural Application of Furnace Lime. (Report No 34 of the Committeeon Evaluation of Blast Furnace Slags of the Association of German Iron Metallurgists, by Hubert Kappen, 13 pp.

GERMAN, per, Stahl und Eisen, Vol LXVII, 1947, pp 307-312.

S. L. A. Tr 617/56
38,325

EEur - Germany
Econ -

Soi - Biology; Min/Metals
Aug 56 CIB/dax

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

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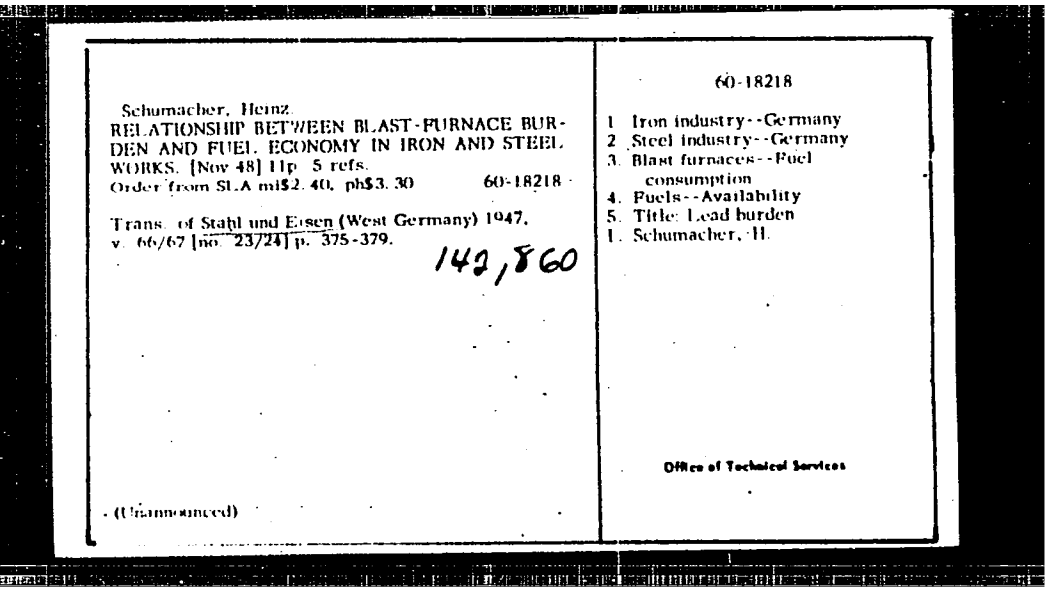

Schumacher, Heinz.
RELATIONSHIP BETWEEN BLAST-FURNACE BURDEN AND FUEL ECONOMY IN IRON AND STEEL WORKS. [Nov 48] 11p 5 refs.
Order from SLA mi$2.40, ph$3.30 60-18218

Trans. of Stahl und Eisen (West Germany) 1947, v. 66/67 [no. 23/24] p. 375-379.

142,860

(Unannounced)

60-18218

1. Iron industry--Germany
2. Steel industry--Germany
3. Blast furnaces--Fuel consumption
4. Fuels--Availability
5. Title: Lead burden
I. Schumacher, H.

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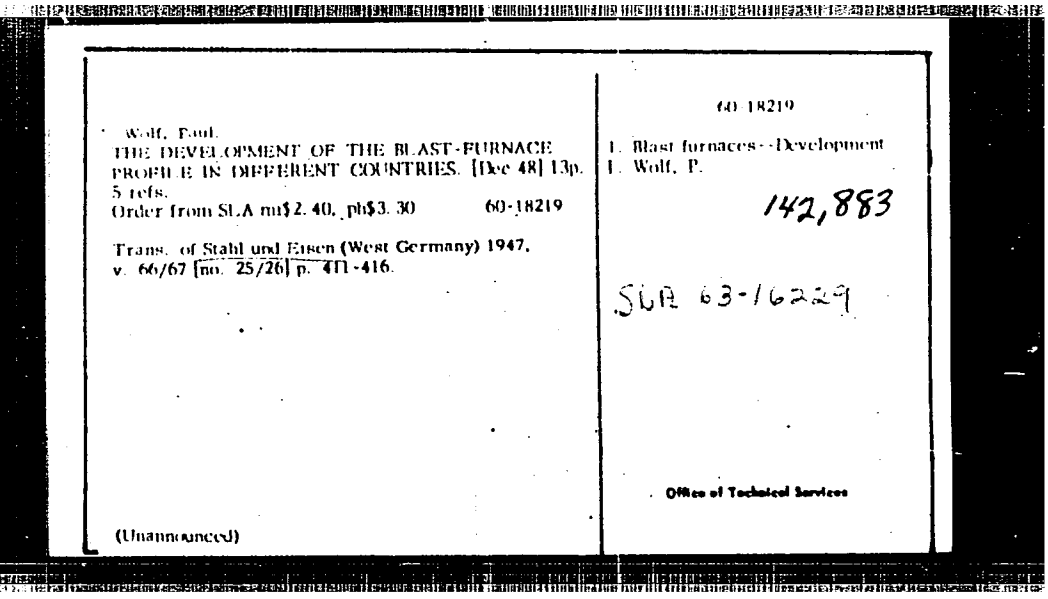

Wolf, Paul.
THE DEVELOPMENT OF THE BLAST-FURNACE PROFILE IN DIFFERENT COUNTRIES. [Dec 48] 13p. 5 refs.
Order from SLA mi$2.40, ph$3.30 60-18219

Trans. of Stahl und Eisen (West Germany) 1947, v. 66/67 [no. 25/26] p. 411-416.

(Unannounced)

60-18219

1. Blast furnaces--Development
I. Wolf, P.

142,883

SLA 63-16229

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Guthmann, Kurt.
THE RATE OF DRIVING OF BLAST-FURNACES.
[Dec 48] [5]p. 15 refs.
Order from SLA mi$1.80, ph$1.80 60-18220

Trans. of Stahl und Eisen (West Germany) 1947,
v. 66/67 [no. 25/26] p. 425-427.

(Unannounced)

60-18220

1. Blast furnaces--
Performance
I. Guthmann, K.

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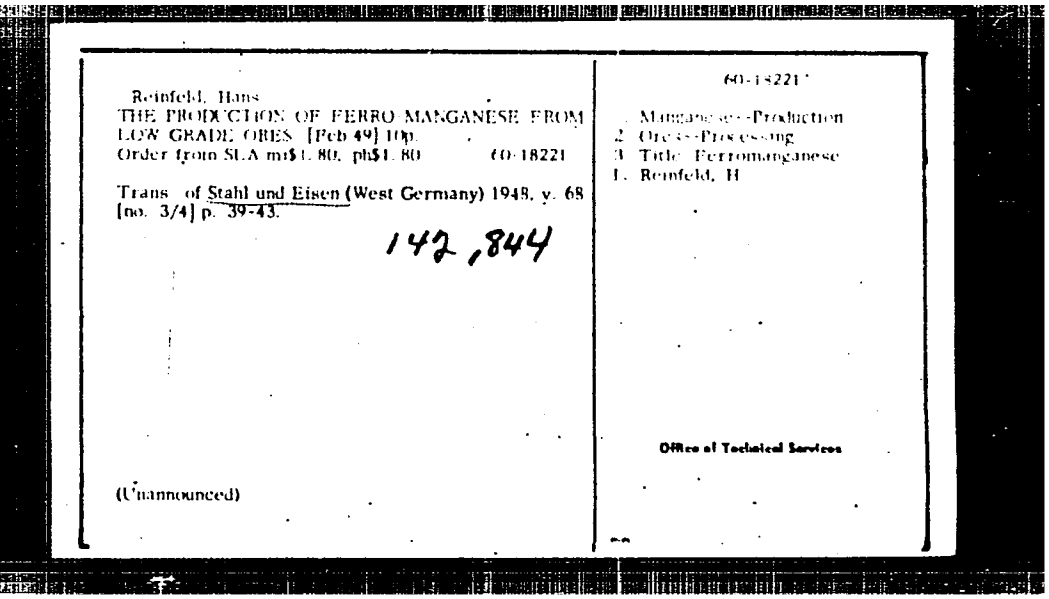
APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3



Reinfeld, Hans
THE PRODUCTION OF FERRO MANGANESE FROM LOW GRADE ORES. [Feb 49] 10p.
Order from SLA mi$1.80, ph$1.80 60-18221

Trans of Stahl und Eisen (West Germany) 1948, v. 68 [no. 3/4] p. 39-43.

142,844

(Unannounced)

60-18221

1. Manganese--Production
2. Ores--Processing
3. Title: Ferromanganese
I. Reinfeld, H

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APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

The Design of Pilger Rolls, by K. Popp. UNCL.

GERMAN, per, Stahl u Eisen, 15 Jul 1948, pp 274-, 275.

British Iron and Steel Ind
(no number given)

Sci - Engr
Sep 59

98,335

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APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Investigations of Converter Shapes and Blowing Conditions for the Production of Steel Low in Nitrogen, by T. Kootz, G. Gille.

GERMAN, per, Stahl und Eisen, Vol LXVIII, No 17/18, 1948, pp 287-294.

Tr Miscel Series 128
MT 120

Sci - Engr

133,898

Dec 60

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

How to Sort Plain Carbon Steels by Spark Testing, by W. Janiche, K. H. Saul.

GERMAN, per, Stahl u. Eisen, Vol LXVIII, No 17-18, 1948, pp 301-303.

23,157

Brutcher Tr No 3472
$2.50

Scientific - Min/Metals

Apr
Mcp: 55 CTS

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Progress in the Isolation of Inclusions and Structural Constituents in Alloyed and Unalloyed Steel., by P. Klinger, W. Koch.

GERMAN, per, Stahl u Eisen, Vol LXVIII, Nos 19/20, 1948, pp 321-333.

DSIR 34104/CT

Sci - Minerals/Metals
Mar 59

83,302

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

The Principles of the Crude-Iron Scale Process for the Production of Iron Powder, by Gerhard Kasser, Hermann Steffe, Werner Scholz, 25 pp.

GERMAN, per, Stahl und Eisen, 68th Year, No 19/20, Sep 9, 1948, pp 346-353.

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Dept of Commerce
Patent Office
Sci Lib

168,150

Sci - Engr

Sep 61

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Karwat, Ernst.
THE PLANNING OF LARGE-SCALE OXYGEN PLANTS [tr. by R. Scwoll]. [June 49] [12]p. (1 fig. 5 tables omitted).
Order from SLA mi$2.40, ph$3.30 60-18222

Abridged trans. of Stahl und Eisen (West Germany) 1948. v. 68 [no. 25/26] p. 453-461.

(Unannounced)

60-18222

1. Oxygen--Production
2. Chemical industry
I. Karwat, E.

108572

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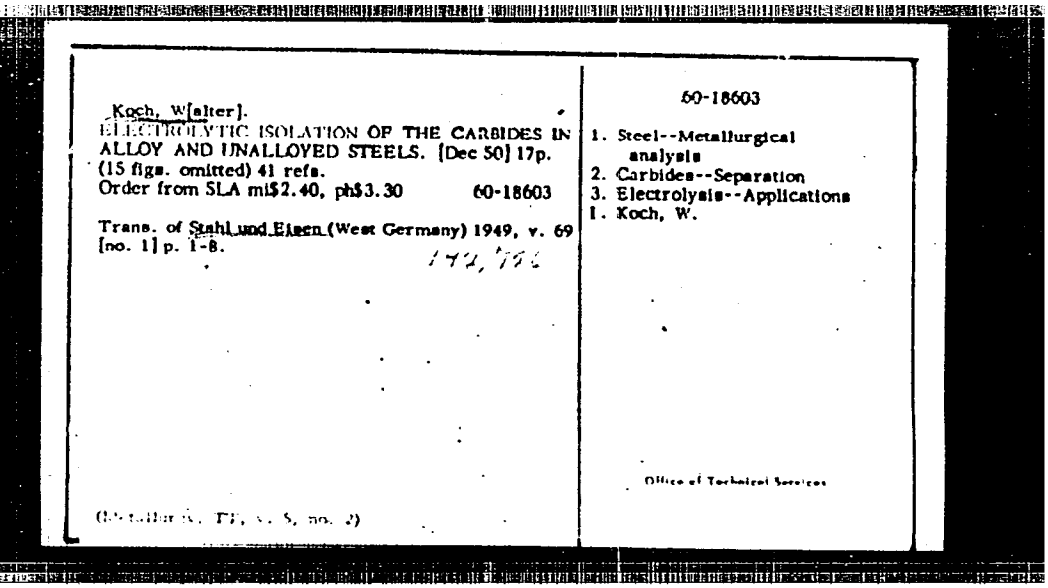
APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3



Koch, W[alter].
ELECTROLYTIC ISOLATION OF THE CARBIDES IN ALLOY AND UNALLOYED STEELS. [Dec 50] 17p. (15 figs. omitted) 41 refs.
Order from SLA mi$2.40, ph$3.30 60-18603

Trans. of Stahl und Eisen (West Germany) 1949, v. 69 [no. 1] p. 1-8.

172,772

(Translation No. 772, v. 5, no. 2)

60-18603

1. Steel--Metallurgical analysis
2. Carbides--Separation
3. Electrolysis--Applications
I. Koch, W.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Naeser, G.
A NEW METHOD FOR THE DETERMINATION OF OXYGEN IN POWDERS OF SOFT IRON, STEEL AND SEVERAL OTHER METALS. [1962] 7p. (figs. tables refs. omitted).
Order from SLA $1.10 62-18230

Trans. of Stahl und Eisen (West Germany) 1949, v. 69, [no. 1] p. 19-22.

DESCRIPTORS: *Powder metallurgy, *Iron, *Steel, Oxygen, Determination, Volumetric analysis.

(Chemistry--Analytical, TT, v. 9, no. 8)

62-18230

I. Naeser, G.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Influence of Continuous Annealing on the Mechanical Properties of Deep-Drawing Steel Strip with Various Preliminary Treatments, by E. Schauff, 4900 words.

GERMAN, per, Stahl und Eisen, Vol LXIX, No 2, 1949, pp 49-53.

26,725

SLA 63-16780($2.60)

Brutcher No 3558
$9.80

Scientific - Minerals/metals

Sep 55

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Flame Radiation in Basic Convertors, by
G. Naeser.
GERMAN, per, Stahl und Eisen, Vol. 69, June
1949, pp 391-398.
CEGB
C.E. Trans 5234

Sci-Materials
Feb 70

401,774

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Recent Operating Experiences in the Production of Steel Low in Nitrogen in the Basic Converter, by W. Bading.

GERMAN, per, Stahl und Eisen, Vol LXIX, No 7, 1949.

Brutcher Tr 2326

Scientific - Min/Metals

$4.40

12.964

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Bading, W[alter].
NEW WORKS EXPERIENCE IN THE MANUFACTURE OF LOW-NITROGEN STEELS BY THE BESSEMER PROCESS [tr. by R. Sewell]. [Oct 49] [4]p.
Order from SLA mi$1.80, ph$1.80 60-18223

Trans. of Stahl und Eisen (West Germany) 1949, v. 69 [no. 7] p. 221-223.

(Unannounced)

60-18223

1. Steel--Production
2. Title: Bessemer process
1. Bading, W.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Guthmann, Kurt.
CARBURETTING IN OPEN-HEARTH FURNACES BY MEANS OF GAS. Rept. no. 422 of Stahlwerkausschuss [Steelworks Committee] and communication no. 347 from the Wärmestelle [Materials Committee] of the Verein Deutscher Eisenhüttenleute. [July 49] 13p.
Order from SLA mi$2.40, ph$3.30 60-18224

Trans. of Stahl und Eisen (West Germany) 1949, v. 69 [no. 7] p. 223-227.

(Unannounced)

60-18224

1. Open hearth furnaces--Operation
2. Title: Carburetting
I. Guthmann, K.
II. Title: Verein...

108873

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

The Present Methods of Producing Iron Powders,
by H. Buchholtz.
GERMAN, per, Stahl Eisen, Vol 69, No 8, 1949,
pp 247-256.
*BISI 7205

Sci-Mat
May 69

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Joint Pouring of Basic Bessemer and Electric Furnace Steel, by E. Ritter.
German
RUSSIAN, per, Stahl und Eisen, Vol LXIX, No 8, 1949, pp 258-262.

Brutcher Tr
No 3347
#740

Scientific - Minerals/Metals CTB/DEK

19,505

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Lendl, A[dolf] E.
BEVELLING AND FOUNDING-OFF IN ROLL-PASS DESIGN. [Oct 50] 6p. 2 refs.
Order from SLA mi$1.80, ph$1.80 60-18604

Trans. of Stahl und Eisen (West Germany) 1949, v. 69, [no. 9] p. 306-308.

A method of calculation is developed for determining the "critical" bevel or the bevel required in closed passes to prevent the formation of flash.

(Machinery--Manufacturing, TT, v. 5, no. 2)

60-18604

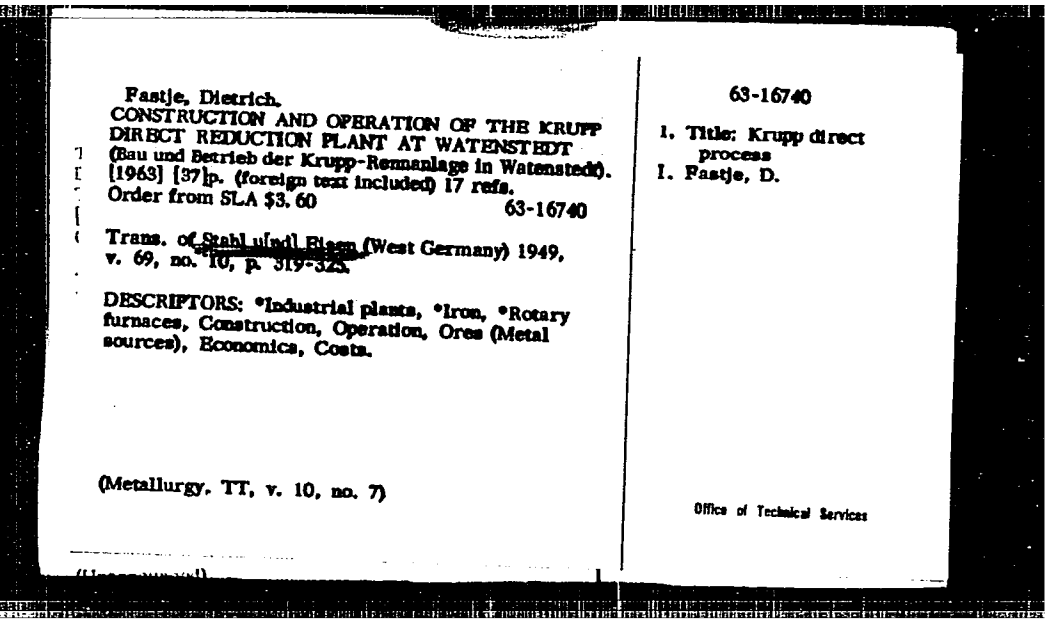
1. Rolling mills--Design
I. Lendl, A. E.

142,799

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3



Fastje, Dietrich.
CONSTRUCTION AND OPERATION OF THE KRUPP DIRECT REDUCTION PLANT AT WATENSTEDT (Bau und Betrieb der Krupp-Remanlage in Watenstedt). [1963] [37]p. (foreign text included) 17 refs. Order from SLA $3.60 63-16740

Trans. of Stahl u[nd] Eisen (West Germany) 1949, v. 69, no. 10, p. 319-325.

DESCRIPTORS: *Industrial plants, *Iron, *Rotary furnaces, Construction, Operation, Ores (Metal sources), Economics, Costs.

(Metallurgy, TT, v. 10, no. 7)

63-16740

1. Title: Krupp direct process
I. Fastje, D.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

On the Viscosity of Blast Furnace Slags, by Th. Kootz, G. Behrendt.

GERMAN, per, Stahl und Eisen, Vol LXIX, No 12, 1949, pp 399-403.

Brutcher Tr 2517

Scientific - Min/Metals 12,705 $7.60

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Spenlé, E[rwin] A[lfred].
THE COGGING MILL IN THE SPECIAL-STEEL ROLLING MILL. [Feb 50] 20p. 2 refs.
Order from SLA mi$2.40, pl$3.30 60-18226

Trans. of Stahl und Eisen (West Germany) 1949, v. 69 [no. 13] p. 443-450.

The importance of the correct dimensioning of the cogging mill is shown.

(Machinery--Manufacturing, TT, v. 5, no. 2)

60-18226

1. Rolling mills--Design
I. Spenlé, E. A.

130876

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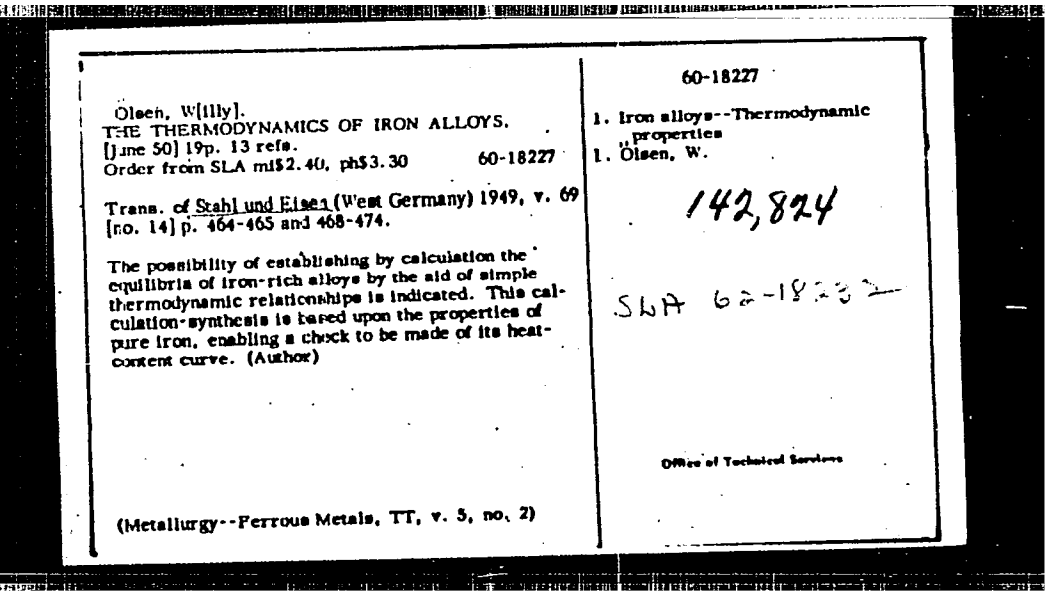
APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3



Olsen, W[illy].
THE THERMODYNAMICS OF IRON ALLOYS.
[June 50] 19p. 13 refs.
Order from SLA mi$2.40, ph$3.30 60-18227

Trans. of Stahl und Eisen (West Germany) 1949, v. 69 [no. 14] p. 464-465 and 468-474.

The possibility of establishing by calculation the equilibria of iron-rich alloys by the aid of simple thermodynamic relationships is indicated. This calculation-synthesis is based upon the properties of pure iron, enabling a check to be made of its heat-content curve. (Author)

(Metallurgy--Ferrous Metals, TT, v. 5, no. 2)

60-18227

1. Iron alloys--Thermodynamic properties
1. Olsen, W.

142,824

SLA 60-18232

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Reichardt, P[aul].
THE INFLUENCE OF THE THROAT DIAMETER ON THE BEHAVIOUR OF FINES IN THE BLAST-FURNACE [tr. by R. Sewell]. [Jan 50] 13p. 2 refs.
Order from SLA m$2.40, ph$3.30 60-18228

Trans. of Stahl und Eisen (West Germany) 1949, v. 69 [no. 15] p. 503-508.

Information is presented on: the effect of widening the throat on gas velocity; dust production and danger of dust collection in the stack; calculation of the quantity, composition and velocity of the gas stream at different heights in the stack; calculation of the pressure of the gas stream on the burden; size of fines particles carried away or held in the gas stream; and conditions for dust to collect in the stack.

(Metallurgy--Ferrous Metals, TT, v. 5, no. 2)

60-18228

1. Blast furnaces--Design
I. Reichardt, P.

142,945

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

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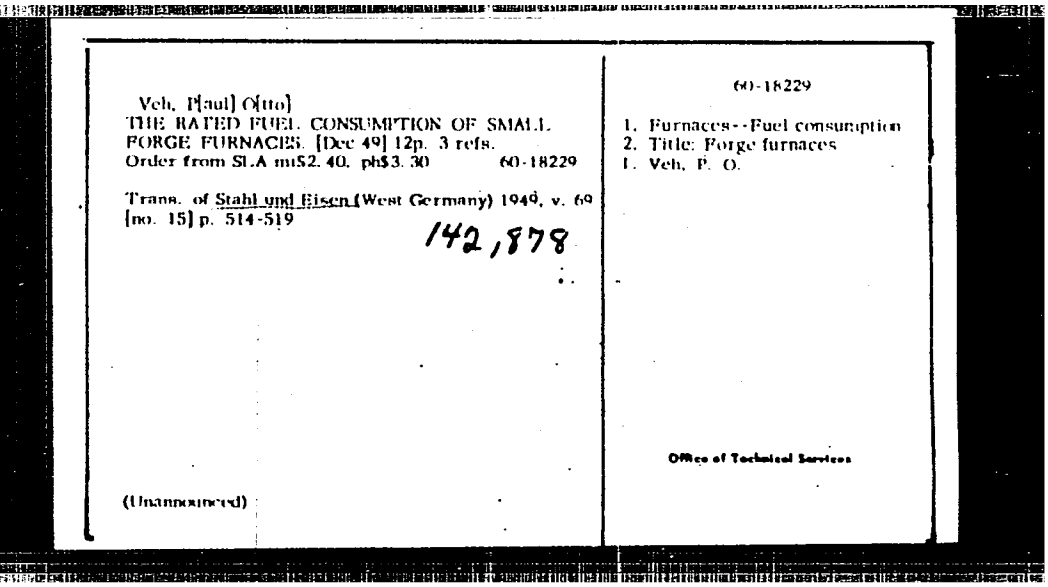

Veh, P[aul] O[tto]
THE RATED FUEL CONSUMPTION OF SMALL FORGE FURNACES. [Dec 49] 12p. 3 refs.
Order from SLA mi$2.40, ph$3.30 60-18229

Trans. of Stahl und Eisen (West Germany) 1949, v. 69 [no. 15] p. 514-519

142,878

(Unannounced)

60-18229

1. Furnaces--Fuel consumption
2. Title: Forge furnaces
I. Veh, P. O.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Harders, F[ritz] and Grewe, H[ubert].
CONTRIBUTION ON THE BEHAVIOUR OF GRAPHITE AND CARBON IN CHAMOTTE MATERIALS, tr. by R. Sewell. [Dec 49] 11p. (2 figs. omitted) 7 refs. Order from SLA mi$2.40, ph$3.30 60-18230

Trans. of Stahl und Eisen (West Germany) 1949, v. 69 [no. 15] p. 519-523.

143/048

(Unannounced)

60-18230

1. Carbon--Chemical effects
2. Brick--Processing
3. Graphite--Chemical effects
4. Title: Chamotte materials
I. Harders, F.
II. Grewe, H.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

[redacted]
On the Hardening of Steel, With Special Reference to Transformation Kinetics, by F. Wever

GERMAN, per, Stahl und Eisen, Vol LXIX, 1949, No 19, pp 664-670.

Brutcher Order No 5059
Price # $3.80

Scientific - Minerals/Metals

1

2233

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Steel Ingot Defects as Related to Pouring Temperatures and Pouring Rate, by F. Beitter.

GERMAN, per, Stahl und Eisen, Vol LXIX, 1949, pp 585-597.

Brutcher Tr 2400

12,701

Scientific - Min/Metals $14.55

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Gille, G[erhard] and Willems, J[acob].
TEMPERATURE AND FLAME MEASUREMENT IN THE BESSEMER PROCESS. [Aug 50] 8p. 13 refs
Order from SLA mi$1.80, ph$1.80 60-18605

Trans. of Stahl und Eisen (West Germany) 1949, v. 69 [no. 22] p. 759-762.

A temperature measuring arrangement is described which permits of the temperature variation of basic Bessemer charges to be determined. With cold basic Bessemer blows an arrest occurs at 1500°C. Initial temperatures below 1200°C lead to heavy ejects. The relation between the recognized value P_{10} and the charge temperature is made clear. Simultaneous measurement of the bath temperature and of the radiation of the converter flame provides a relationship between the temperature of the charge at maximum radiation and its final temperature. The metallurgical significance of the radiation maximum is discussed.
(Author) (See also 60-18606)

60-18605

1. Steel--Processing
2. Thermal radiation--Measurement
3. Pyrometers--Applications
4. Title: Bessemer process
I. Gille, G.
II. Willems, J.

142,778

Office of Technical Services
(Metallurgy--Ferrous Metals, Fi v. 5, no. 2)

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

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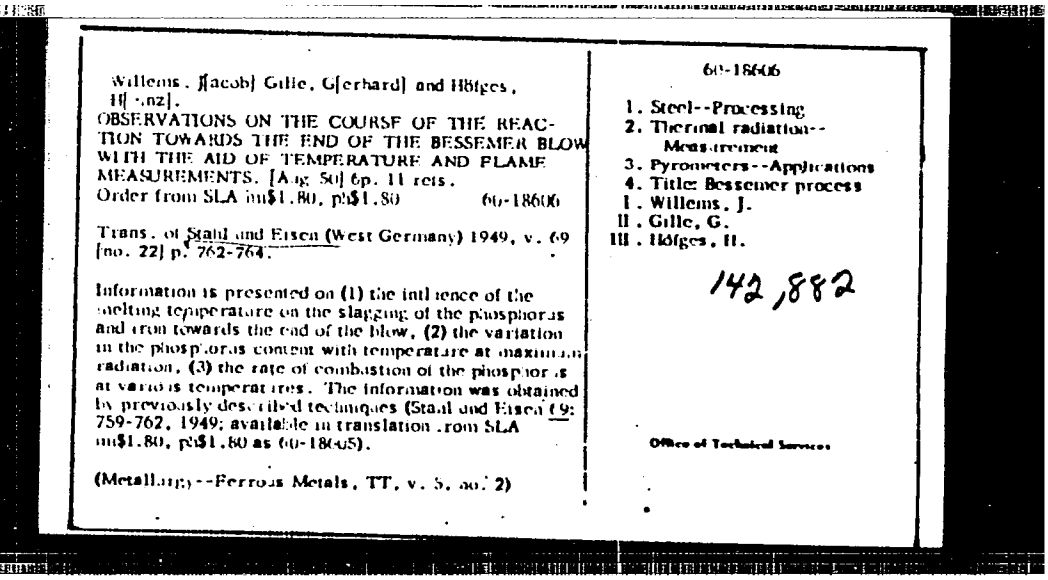

Willems, J[acob] Gille, G[erhard] and Höfges, H[einz].
OBSERVATIONS ON THE COURSE OF THE REACTION TOWARDS THE END OF THE BESSEMER BLOW WITH THE AID OF TEMPERATURE AND FLAME MEASUREMENTS. [Aug 50] 6p. 11 refs.
Order from SLA mi$1.80, ph$1.80 60-18606

Trans. of Stahl und Eisen (West Germany) 1949, v. 69 [no. 22] p. 762-764.

Information is presented on (1) the influence of the melting temperature on the slagging of the phosphorus and iron towards the end of the blow, (2) the variation in the phosphorus content with temperature at maximum radiation, (3) the rate of combustion of the phosphorus at various temperatures. The information was obtained by previously described techniques (Stahl und Eisen 69: 759-762, 1949; available in translation from SLA mi$1.80, ph$1.80 as 60-18605).

(Metallurgy--Ferrous Metals, TT, v. 5, no. 2)

60-18606

1. Steel--Processing
2. Thermal radiation--Measurement
3. Pyrometers--Applications
4. Title: Bessemer process
I. Willems, J.
II. Gille, G.
III. Höfges, H.

142,882

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

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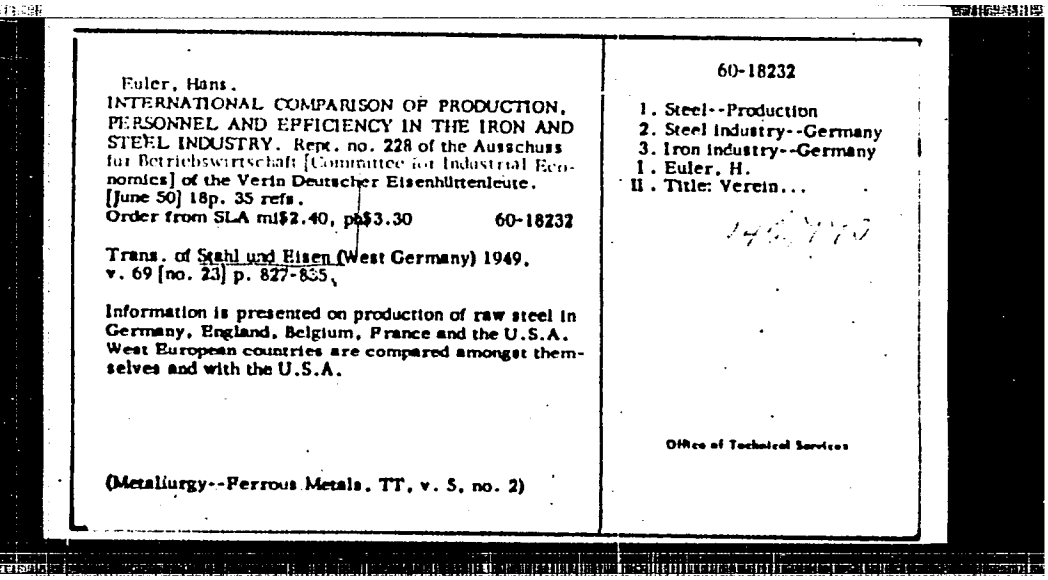

Euler, Hans.
INTERNATIONAL COMPARISON OF PRODUCTION, PERSONNEL AND EFFICIENCY IN THE IRON AND STEEL INDUSTRY. Rept. no. 228 of the Ausschuss fur Betriebswirtschaft [Committee for Industrial Economics] of the Verin Deutscher Eisenhüttenleute. [June 50] 18p. 35 refs.
Order from SLA mi$2.40, ph$3.30 60-18232

Trans. of Stahl und Eisen (West Germany) 1949, v. 69 [no. 23] p. 827-835.

Information is presented on production of raw steel in Germany, England, Belgium, France and the U.S.A. West European countries are compared amongst themselves and with the U.S.A.

(Metallurgy--Ferrous Metals. TT, v. 5, no. 2)

60-18232

1. Steel--Production
2. Steel Industry--Germany
3. Iron Industry--Germany
I. Euler, H.
II. Title: Verein...

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Refining of High-Chromium Steel Heats in the Arc Furnace With Pure Oxygen, by R. Fischer.

Full translation.

GERMAN, per, Stahl und Eisen, Vol LXX, No 1, 1950, pp 10-21.

Brutcher Tr 2947

Scientific - High Chromium, arc furnace, oxygen

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

A Process for Determining the Temperature of
Liquid Steel During the Basic Bessemer Process,
by G. Kasser, W. Popperhoff. UKCL

GERMAN, per, Stahl u Eisen, 5 Jan 1950,
pp 22-24.

British Iron and Steel Ind
(no number given)

Scl - Min/Met
Sep 59

98,308

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

62-18356

Höhle, H.
PRACTICE AND DEVELOPMENT OF THE WIRE INDUSTRY IN AMERICA SINCE 1939. 28 June 50, 18p. (figs. tables omitted).
Order from SLA $1.60 62-18356

Trans. of Stahl und Eisen (West Germany) 1950, v. 70, no. 2, p. 41-51.

DESCRIPTORS: *Wire, *Industry, Industrial production, *Manufacturing methods.

(Machinery--Manufacturing, TT, v. 9, no. 4)

I. Höhle, H.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

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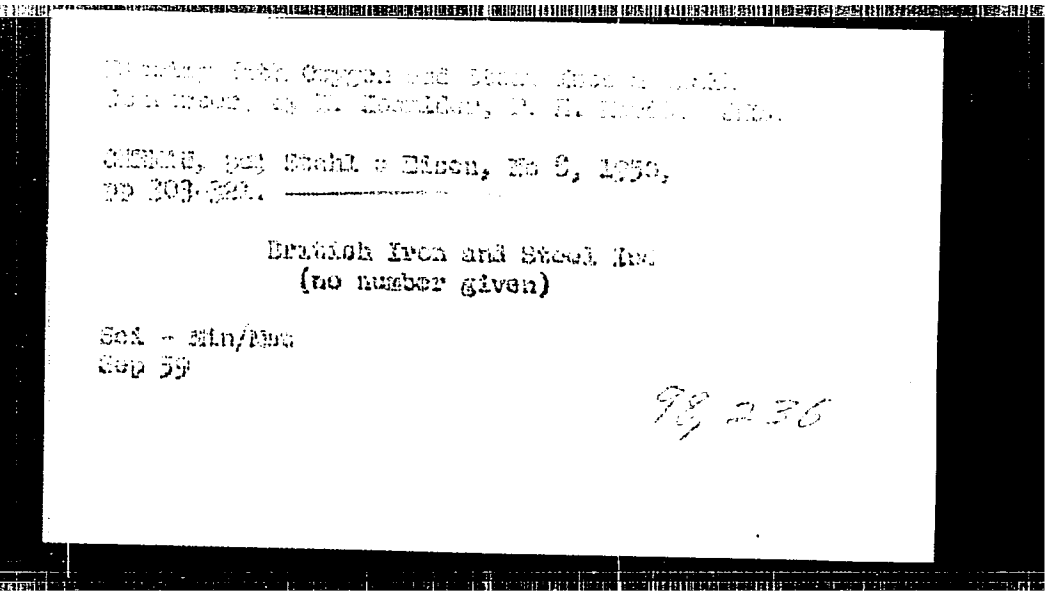

British Iron and Steel Inv.
(no number given)

Sol - Min/Met
Sep 59

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

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Pelletizing of Dogger Ore Concentrate and Fine Siderite, by G. Sengfelder. GERMAN, per. Stahl Eisen, Vol 70, Aug 30, 1950, pp 765-767. BISI 4445

Sci/MRH
Nov 65

290,557

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Performance Data on Electric Arc Furnaces With Shell Diameters of Over 12 Feet, by F. Badenheuer.
GERMAN
[redacted]N, per, Stahl und Eisen, Vol LXX, No 10, 1950, pp 403-409.

Brutcher Trans No 2940

Scientific - Metallurgy, furnaces, heat treating, electric

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Backing Rolls and Their Bearings, by Hanns P. Lemm, 19 p.

GERMAN, per, Stahl und Eisen, 1950, Vol LXX, No 11, pp 452-459.

SLA 59-20565

Sci
Mar 60
Vol 3, No 1

110,952

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Investigations Into the Spheroidizing of Plain Carbon and Low Alloy Steels, by S. Ammereller

Full translation.

GERMAN, per, Stahl und Eisen, Vol LXX, No 11, 1950, pp 459-463.

Brutcher Tr No 3083

Jul 53 CTS/DEM

Scientific - Minerals/Metals Price $8.80

3507

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Recent Developments in Non-Destructive Testing of Materials by Electric and Magnetic Methods, by W. Jellinghaus, 22 pp.

GERMAN, per, Stahl und Eisen, Vol 4/ LXX, No 13, 1950, pp 552-561.

SLA 60-18608

203,538

Sci

Jul 62
Vol 4, No 12

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Progress in the Non-Destructive Testing of Materials by Supersonics, by O. Rudiger, 11 pp.

GERMAN, per, Stahl und Eisen, Vol LXX, No 13, 1950, pp 561-565.

SLA 60-18609

Sci

203.542

Jul 62

Vol 4, no 12

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Bungardt, Karl.
DEVELOPMENT AND PRESENT STATUS OF CORROSION-RESISTANT STAINLESS ROLLED STEELS (Entwicklung und Stand der Nichtrostenden Walz- und Schmiedestahle). [1962] [39]p. (foreign text included) 75 refs.
Order from SLA $3.60 62-18155

Trans. of Stahl und Eisen (West Germany) 1950, v. 70, no. 14, p. 582-596 (Verein Deutscher Eisenhüttenleute (West Germany). Berichte-712).

DESCRIPTORS: *Stainless steel, Rolling mills, *Corrosion inhibition, Iron alloys, Chromium alloys, Steel, Corrosion-resistant alloys, Corrosion, Corrosion research.

(Metallurgy--Corrosion, TT, v. 9, no. 5)

62-18155

I. Bungardt, K.
II. Verein...Berichte-712

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

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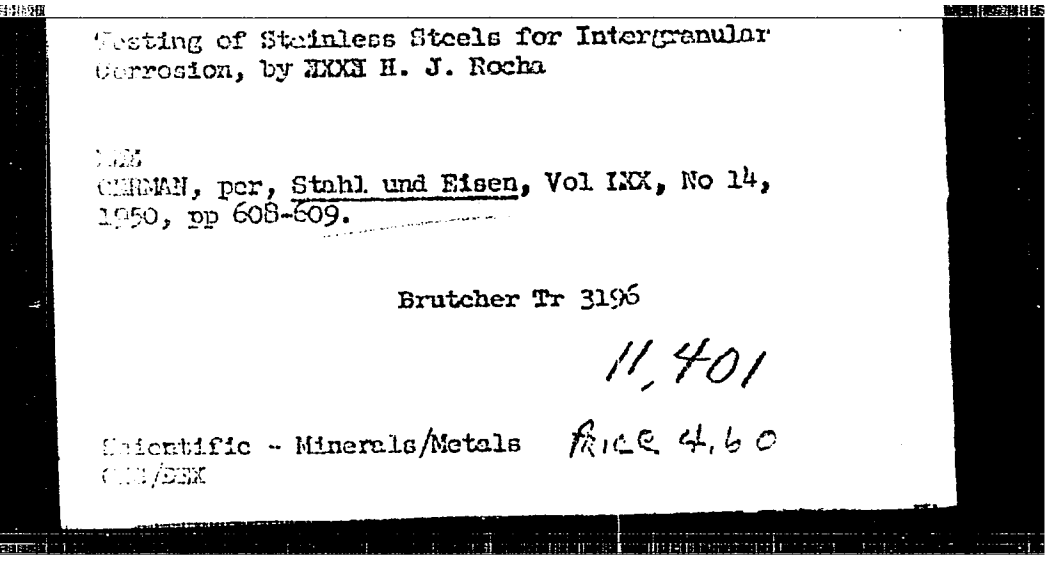

Testing of Stainless Steels for Intergranular Corrosion, by XXXX H. J. Rocha

XXX
GERMAN, per, Stahl und Eisen, Vol LXX, No 14, 1950, pp 608-609.

Brutcher Tr 3196

11,401

Scientific - Minerals/Metals Price 4.60
XXX/XXX

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Methods and Apparatus for Measuring the Profile of Drawing Dies, by Werner Lueg, 21 pp.

GERMAN, per, Stahl und Eisen, Vol LXX, No 15, 1950, pp 633-640.

SLA 60-18610

Sci

146,087

Apr 61

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Commercial Annealing and Quenching Plus Tempering of Cold-Drawn Steel Bars With Special Consideration of Scaling, Decarburization, Heating Rate, and Temper Brittleness. Part I- Annealing Before and After Cold Drawing, by W. Hufsbruch.
GERMAN 1
~~RUSSIAN~~, per, Stahl und Eisen, Vol LXX, No 15, 1950, pp 641-647.

GERMAN Brutcher Trans No 2570
~~USSR~~
Scientific - Metallurgy, heat treating, steel
Economic - Industry, steel

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Commercial Annealing and Quenching Plus Tempering of Cold-Drawn Steel Bars, With Special Consideration of Scaling, Decarburization, Heating Rate, and Temper Brittleness, Pt II,
[redacted],

GERMAN, per, Stahl und Eisen, Vol LXX, No 15, 1950, pp 647-655.

24,656 Brutcher Tr 2965 $9.60

Scientific - Min/Metals Jun 55 CTS

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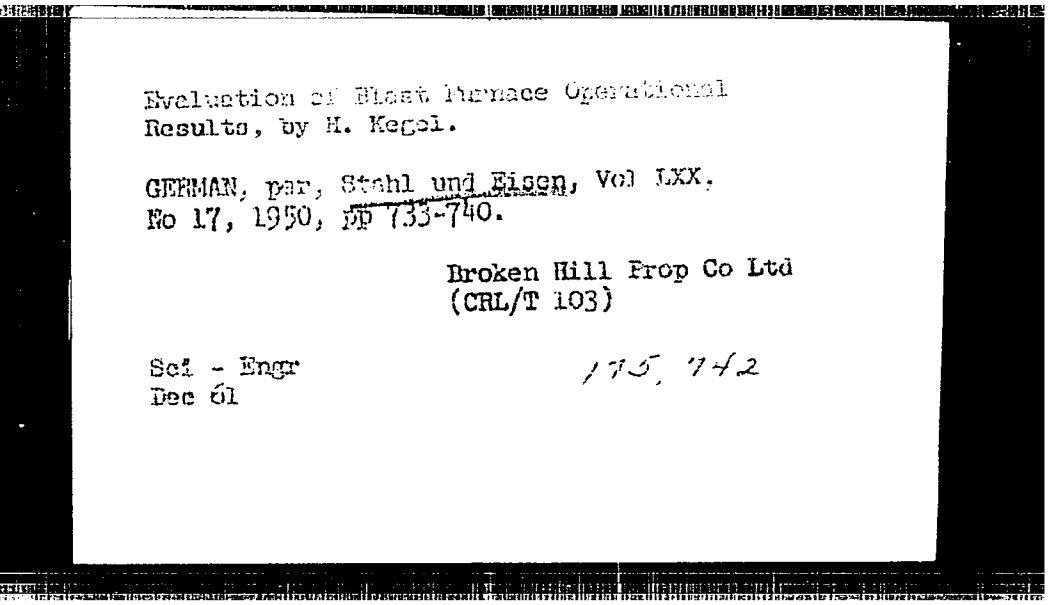

Evaluation of Blast Furnace Operational Results, by H. Kegel.

GERMAN, par, Stahl und Eisen, Vol LXX, No 17, 1950, pp 733-740.

Broken Hill Prop Co Ltd
(CRL/T 103)

Sci - Engr
Dec 61

175, 742

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

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Sengfelder, George.
PELLETIZING OF DOGGER ORE CONCENTRATE AND SPATHIC ORE FINES. [1963] 9p. (figs. omitted). Order from SLA $1.10 63-16825

Trans. of Stahl und Eisen (West Germany) 1950, v. 70, no. 18, p. 765-767 (Verein Deutscher Eisenhüttenleute (West Germany). [Berichte]-54).

DESCRIPTORS: *Pellets, *Ores (Metal sources), *Grain structures (Metallurgy), Rotary furnaces, Oxides, Oxygen, Reduction.

The formation of wet pellets from fine grained dogger ore concentrate and from spathic fines was carried out, after addition of the required moisture, in an open-ended rotating drum with the use of a small inner heating. It was further recognized that for the preparation of workable prepared pellets with good physical (Metallurgy, TT, v. 10, no. 6) (over)

63-16825

I. Sengfelder, G.
II. Title: Ore ...
III. Verein ... Berichte-54

Office of Technical Services

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

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Open-Hearth Roof Lives in the Period of 1937-1949, by W. Baumgardt.

GERMAN, per, Stahl und Eisen, Vol LXX, No 20, 1950, pp 867-869.

Brutcher Tr 2619

Scientific - Min/Metals $2.80

12,732

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

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The Use of Roller Bearings in Sheet Hot-Rolling Mills, by Wilhelm Kramer, 8 p.

GERMAN, per, Stahl und Eisen, 1950, Vol LXX, No 21, pp 925-929.

SLA 59-20566

Sci
Mar 60
Vol 3, No 1

110,950

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Naeser, Gerhard and Zirm, Franz.
ROLLING STRIPS FROM IRON POWDER. Paper consists of excerpts from doctoral thesis of Franz Zirm. [1963] [35]p. 28 refs.
Order from SLA $3.60 63-16763

Trans. of Stahl und Eisen (West Germany) 1950, v. 70 [no. 22] p. 995-1003 [Verein Deutscher Eisenhuttenleute (West Germany). Berichte-6].
Another trans. is available from SLA mi$2.40, ph$3.30 as 60-18611, 8 Nov 50, 20p.

DESCRIPTORS: *Iron, Powder metals, Powder metallurgy, Sheets, *Rolling mills, *Mechanical working.

For abstract see Technical Translations 4: 678, 1960.

(Metallurgy, TT, v. 10, no. 7)

63-16763

I. Naeser, G.
II. Zirm, F.
III. Verein ... Berichte-6

Office of Technical Services

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Properties of Continuously Cast Alloy Steels, by H. Buchholtz, E. K. Speith, F. Rapatz.

GERMAN, per, Stahl und Eisen, Vol LXX, No 24, 1950, pp 1106-1108.

Brutcher Tr
[redacted]
No 2900

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Scientific - Min/Metals Jan 55 CTB/DEK

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

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Alleviation of Residual Stresses Set up in the Cold Drawing of Bar Stock, by H. Buhler, E. H. Schulz.

GERMAN, per, Stahl und Eisen, Vol LXX, No 25, 1950, pp 1147-1152.

Brutcher Tr No 2686, $11.80
[illegible]
Brutcher XII
Engr Digest, Vol XXX, No 4
Apr 1951, pp 123-125

Scientific - Min/Metals 17,534

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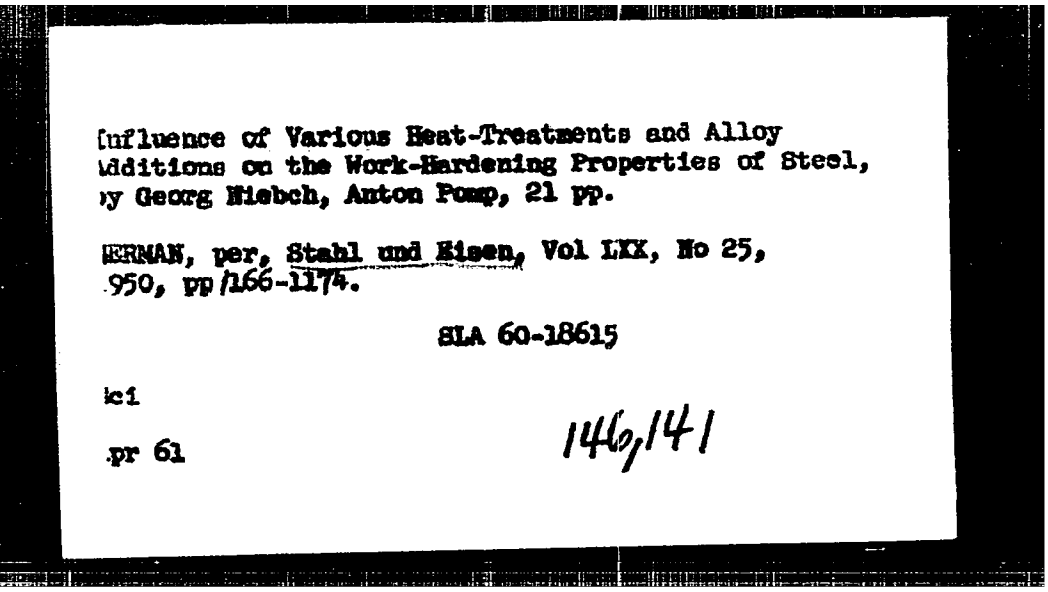

Influence of Various Heat-Treatments and Alloy
Additions on the Work-Hardening Properties of Steel,
by Georg Hiebch, Anton Pomp, 21 pp.

GERMAN, per, Stahl und Eisen, Vol LXX, No 25,
1950, pp 1166-1174.

SLA 60-18615

Mcl

Apr 61

146/141

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

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Recent Results in Operating With the Lime Sinter Process, by H. Boos. UNCL

GERMAN, per, Stahl u Eisen, Vol LXX, Nov 23, 1950, pp 1108-1111.

British Iron and Steel Ind
(no number given)

Sci - Engr
Sep 59

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Calculation of Modern Continuous Pickling Plants, by W. Fackert,

GERMAN, per, Stahl u Eisen, Vol LXXII, No 20, 1952, pp 1196-1207.

Brutcher Tr No 3431
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Scientific - Min/Metals Feb 55 CIS
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APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

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Conversion of Pig Iron into Steel in the Converter With the Use of Pure Oxygen, by H. Hellbrugge.

GERMAN, Stahl und Eisen, Vol 70, 1950, No 26, pp 1208-1211.

Brutcher Tech Tr 2672

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Spread in the Hot Rolling of Steel, by H. Bechmann.

GERMAN, per, Stahl und Eisen, Vol LXX, No 26, 1950, pp 1222-1223.

Brutcher Tech Tr 2861

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Influence of the Height of the Coke Oven Chambers and the Coal Moisture Content on the Bulk Density of the Chamber and on the Composition of the Coke, by H. Hock, M. Pacyna.

GERMAN, per, Stahl und Eisen, Vol XLIX, 1950, pp 1311-1312.

Dept of Int
US Bur of Mines
Southern Exper Sta
Tuscaloosa, Ala. No 224

E. coke R.A.I 3374
The British Coke Research Association
Sci & Engr
May 59
87,718

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

Influence of Increased Silicon or Manganese Contents on the Properties of 10 and 14-Ton Forging Ingots of Basic Open-Hearth Steel, by W. Meisemeyer.

GERMAN, Stahl und Eisen, Vol 71, 1951, No 1, pp 8-15.

Brutcher Tech Tr 2895

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[illegible] and Working Data [illegible]
[illegible] Beyond the Open-Hearth Steel Furnace,
and the Economics and Metallurgical Advantages
Compared With Silica Furnaces, by F. S. Cardwell,
P. Kramer. WHCI.

GERMAN, per,Stahl u Eisen, Vol XXIX, No 2,
16 Jan 1951, pp 64-71.

British Iron and Steel Fnd
(no number given)

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Sec - Engr
Sep 59

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Observations on 885° F. Embrittlement in Ferritic Stainless Steel by C. A. Zapffe et al.

GERMAN, Stahl und Eisen, Vol 71, 1951, No 3, pp 109-119

Brutcher Tech Tr No 2832

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP84-00581R000401230032-3

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Pure Hydrodynamically Lubricated Bearings (Multiple Surface Bearings), by W. Froessel

GERMAN, per, Stahl und Eisen, Duesseldorf, Vol LXXI, No 3, 1951, pp 125-128.

A.E.R.E. Harwell
11/3/5/52 OT/589

Scientific - Minerals/Metals
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SLA 57-3313 8194

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Improvement of the Quality of Drawing Dies by Supervision of the Die Profile Using Modern Measuring Methods, by Werner Lueg, 32 pp.

GERMAN, per, Stahl und Eisen, Vol. LXXI, No 4, 1951, pp 157-170.

SLA 60-18612
SLA 62-19436
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Sci

Apr 61

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Cleaning Steel Ingots and Rolled Sheets, by
K. Rubmann. UNCL

GERMAN, per, Stahl u Eisen, 15 Mar 1951,
pp 288-294.

British Iron and Steel Ind
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The Production of Drawing Tools From Tool Steel for the Manufacture of Bright Steel, by F. Boehm. UNCL.

GERMAN, per. Stahl u Eisen, Vol LXXI, No 10, 1951, pp 522-523.

British Iron and Steel Ind
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Determination of the Design and Size of Hot Blast Stoves, by W. Heiligenstaedt.

GERMAN, per, Stahl und Eisen, Vol LXXI, 24 May 1951, pp 568-575.

BISI 2160

Sci - Engr

170,099

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Testing of Metallic and Nonmetallic Protective Coatings for Corrosion Resistance in an Artificial Industrial Atmosphere, by W. Kesternich.

GERMAN, per, Stahl und Eisen, Vol LXXI, No 11, 1951, pp 587-588.

Brutcher Tr 3125

Scientific - Minerals/Metals

Price $2.65 Nov 53 CTS 7271

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Investigations Into Increasing the Efficiency of Band Sintering Plants, by Herbert Pthl, 35 pp.

GERMAN, per, Stahl und Eisen, Vol LXXI, No 12, 1951, pp 597-605, No 13, pp 664-669.

SLA 60-18613

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Creep Tests on Molybdenum, Chrome-Molybdenum, and Chrome-Molybdenum-Vanadium Steels, by E. Theis.

GERMAN, Stahl und Eisen, Vol 71, 1951, No 12
pp 619-624

Brutcher Tech Tr 2882

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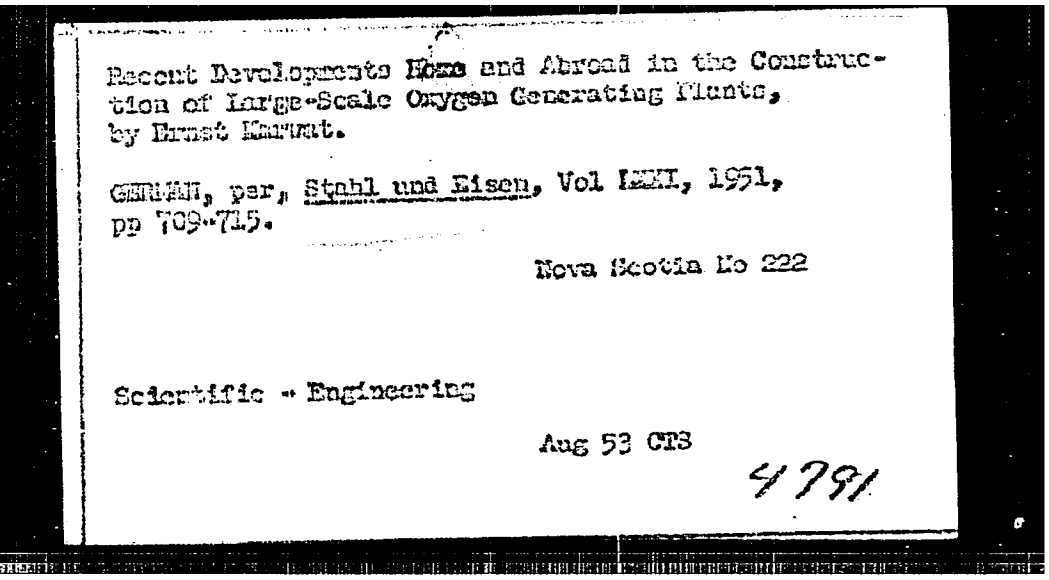

Recent Developments Home and Abroad in the Construction of Large-Scale Oxygen Generating Plants, by Ernst Kaurat.

GERMAN, per, Stahl und Eisen, Vol LXXI, 1951, pp 709-715.

Nova Scotia No 222

Scientific - Engineering

Aug 53 CTS

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Investigation Into the Workability of Cold-Heading Steels, by J. Billigmann.

GERMAN, per. Stahl und Eisen, Vol LXXI, No 16, 1951, pp 826-836.

HB 5020

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Investigation Into the Workability of Cold-Heading Steels, General Discussion, by J. Billigmann. GERMAN, per, Stahl und Eisen, Vol LXXI, No 16, 1951, pp 836-839.

HB 5070

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Mar 64 250,776

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Annealing and Tempering of Steel Bars in a Inductio
Heat Treating Plant on Line Frequency, by H. Kraine
M. Kroneis, F. Raidl.

Full translation.

GERMAN, bivk par, Stahl und Eisen, Vol LXXI, No 17,
1951, pp 880-886.

Brutcher Trans No 3038

Scientific - Minerals/Metals

Sep 53 CTS $7.40 price

4840

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Blast Furnace Observations With Gas Probe, By
W. Wolf

GERMAN, Stahl und Eisen, Vol 71, 1951, No 19,
pp 986-991.

Brutcher Tech Tr No 2915

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